Make it easy for readers to find the essential information.

The best way to do that is with Color

Color. It used to be expensive, slow in printing and cumbersome to manually collate color pages into important documents.

With the **Aficio 2232C/2238C**, there are no excuses. The **2232C/2238C** deliver cost effective color, and black & white pages at virtually the same price as your existing monochrome digital system.

The **2232C/2238C** are designed to be document hubs—processing, producing, and distributing the information critical to your daily tasks. And there's more than meets the eye with the **2232C/2238C**. Besides producing documents in either print or copy modes, these systems facilitate document distribution as well. All at a price that fits your budget.

Aficio 2232C/2238C

SPECIFICATIONS

General Specifications

Aficio 2232C EDP 411717
Aficio 2238C EDP 411722

Resolution:	Input: 600 x 600 dpi Output: 600 x 600 dpi 1,200 x 1,200 dpi
Copy Size:	Max. 11" x 17" (full bleed on 12" x 18")
Paper Sizes:	First Paper Tray: 8.5" x 11" Second Paper Tray/Paper Bank: 8.5" x 11", 8.5" x 14", 11" x 17", 7.5" x 10.5", 8" x 13"/A5 – A3 Bypass Tray: Width: 3.5" to 12"/ 90 to 305mm; Length: 5.8" to 23.625"/ 148 to 457mm LCT: 8.5" x 11"
Warm-Up Time:	Less than 101 seconds
First Copy Time:	BW: 8 seconds Color: 10 seconds
Copy & Print Speed:	Aficio 2232C: 32/24 ppm (BW/FC) Aficio 2238C: 38/28 ppm (BW/FC)
Multiple Copies:	Up to 999
Input Capacity:	Standard: 2 x 500 sheets 100-sheet bypass tray Maximum: 3,100 sheets
Output Capacity:	Standard: 500 sheets 100-sheet face-up output tray Maximum: 2,600 sheets
Paper Weights:	Trays & Duplex Unit: 16 to 28 lb. bond (60–105 g/m²) Bypass Tray: 16 lb. bond to 90 lb. index (60–163 g/m²)
Paper Type:	Plain Paper, Laser-printer qualified transparencies, and labels
Reproduction Ratios:	5 enlargements, 7 reductions, plus 100%, 121%, 129%, 155%, 200%, 400%; 93%, 85%, 78%, 73%, 65%, 50%, 25%
Zoom:	25% – 400% in 1% increments
Auto Duplex:	Standard
Hard Disk Drive:	80GB capacity
Memory:	768MB

Advanced Copy Features

Color Mode:	Auto Color Selection; Full Color; BW (default); Single Color; Twin Color
Single Color:	Preset Color Palette: 12 colors with 4 levels of density selection User Color Memory: 15 colors
Twin Color:	Black + one color Black + Red
Original Selection:	Auto Text and Photo Separation mode; Photo mode (includes selection of Press Print, Glossy Photo, 2nd Generation modes); Text mode; Map mode; 2nd Generation mode; Pale mode
Image Density Adjustment:	Auto/Manual (9 levels)
Reduce/Enlarge:	Auto Magnification Selection; directional magnification
Image Rotation:	90° Rotation
Shift/Erase Image:	Centering; Margin Adjustment; Erase Center; Erase Border; Erase Center/Border
OHP Slip Sheet:	Yes
Image Color Adjustment:	Auto Color Calibration; Color Balance; Color Separation; Sharp/Soft; Contrast; Background Density Control; UCR; Auto Text and Photo Separation
Proof Copy:	Yes
Operation Panel:	Monochrome LCD

Printer Specifications

CPU:	RM7065C 533MHz
Printer Languages:	Ricoh RPCS (Refined Printing Command Stream), PCL 5c emulation; Optional: Adobe PostScript 3
Fonts:	PCL 5c: 45 Intellifonts PS3: 136 Type 1 fonts
Interfaces:	10/100 BaseTX Ethernet Bi-directional IEEE 1284-compliant parallel
Optional Interfaces:	IEEE 802.11b wireless LAN Bluetooth wireless USB 2.0/1.1 IEEE 1394
Network Protocols:	TCP/IP IPX/SPX (Netware 3.x, 4.x, 5.x), AppleTalk, SMB (NetBEUI, Net BIOS over TCP/IP)
Other Supported:	UNIX (lpr/lpd): Sun Solaris2.6/7/8, HP-UX 10/11, SCO Open Server 5, IBM AIX/4.3/5L, V5.1, Red Hat Linux 6/7
Management Utilities:	Ricoh Web Image Monitor, DeskTopBinder V2 Lite; Macintosh Printer Utility (w/Adobe PostScript option)
Drivers:	RPCS: Windows 95/98/Me/NT4.0/2000/XP PCL 5c emulation: Windows 95/98/Me/NT4.0/2000/XP PS3: Windows 95/98/Me/NT4.0/2000/XP Apple OS 8.6 or later, OS X (native), UNIX

Scanner Specifications

Resolution:	FC: 100 dpi - 600 dpi 8 bits/pixel BW: 100 dpi - 1,200 dpi 1 bit/pixel
Scanning Speed:	31 ppm BW 28 ppm Color
Scan Mode:	Text; Text/Photo; Photo; OCR; Grayscale; ACS
Image Adjustment:	Brightness; Contrast; Threshold; Gamma Adjustment; Halftone Pattern
SADF/Batch Mode:	Yes
Stamping:	Yes
Mixed Size Mode:	Yes
File Types:	TIFF, JPEG, PDF
Scan to E-mail:	Yes, up to 500 addresses per send
LDAP Support:	Yes
Scan to Folder:	Yes, 2,000 folders maximum
Protocol Support:	SMB (Server Message Block), FTP (File Transfer Protocol)

Physical Specifications

Dimensions (WxDxH):	26.4" x 27.5" x 33.8" (670 x 698 x 859mm)
Weight:	Approximately 264 lbs. (120kg)
Power Requirements:	120V 12A 60Hz
Power Consumption:	1,200 watts or less
Energy Star Mode:	45 watts or less

Options and Accessories

Fax Option EDP 411589

Type:	ITU-T G3 Transceiver (Optional 2nd line)
Circuit:	PSTN, PBX
Resolution:	200 x 200 dpi, 300 x 300 dpi
Modem Speed:	33,600 bps – 2,400 bps with automatic shift down
Transmission Speed:	3.0 seconds (28.8 Kbps or faster)
Compression Method:	MH/MR/MMR; Optional: JBIG
SAF Memory:	4MB; Maximum 28MB
Memory Capacity:	Approximately 320 pages; (2,240 pages with optional SAF memory)
Internet Fax:	Yes, ITU-T.37

PS540 Paper Bank EDP 411574

Paper Size:	5.5" x 8.5" to 11" x 17" (A5-A3)
Paper Weight:	16 to 28 lb. bond (60-105 g/m²)
Stack Capacity:	500 sheets

PS550 Paper Bank EDP 411576

Paper Size:	5.5" x 8.5" to 11" x 17" (A5 – A3)
Paper Weight:	16 to 28 lb. bond (60-105 g/m²)
Stack Capacity:	2 Trays x 500 sheets

PS560 Large Capacity Tray EDP 411578

Paper Size:	8.5" x 11" (A4)
Paper Weight:	16 to 28 lb. bond (60-105 g/m²)
Stack Capacity:	2 Trays x 1,000 sheets

PT460 Multi-Bin EDP 400568

Number of Bins:	2
Paper Size:	5.5" x 8.5" to 11" x 17" (A5 – A3)
Paper Weight:	16 to 28 lb. bond (60-105 g/m²)
Stack Capacity:	Tray 1: 100 sheets Tray 2: 250 sheets

SR920 Multi Tray Finisher EDP 411630

Paper Sizes:	8.5" x 11" to 11" x 17" (A4–A3)
Paper Weights:	16 to 28 lb. bond (60-105 g/m²)

SR910 Booklet Finisher EDP 411583

Paper Sizes:	8.5" x 11" to 11" x 17" (B5–A3)
Paper Weights:	16 to 34 lb. bond (60-128 g/m²)
Stack Capacity:	Folded: 10 sets (6-10 sheets/set) 20 sets (2-5 sheets/set)
Sorted:	1,000 sheets
Staple Capacity:	50 sheets 8.5" x 11"
Staple Paper Size:	8.5" x 11" to 11" x 17" (A4–A3)
Staple Position:	1 Staple: 2 positions 2 Staples: 2 positions
Booklet Paper Sizes:	8.5" x 11", 8.5" x 14", 11" x 17" (A4-A3)

IEEE 802.11b Wireless LAN EDP 411265
Bluetooth EDP 411603
IEEE 1394 EDP 411264
USB 2.0 EDP 411301
Adobe PostScript 3 EDP 411602
File Format Converter EDP 411400
FAC14 Cabinet EDP 400581
Data Overwrite Security System EDP 411854

Supplies

Black Toner EDP 888231
Cyan Toner EDP 888234
Yellow Toner EDP 888232
Magenta Toner EDP 888233
SR920 Staples EDP 410801
SR910 Staples EDP 411730

Print speed may be affected by network, application or PC performance.

Specifications and external appearances are subject to change without notice.

Products are shown with optional features.

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

RICOH®

Ricoh Corporation, Five Dedrick Place, West Caldwell, NJ 07006
Phone: (973) 882-2000 • Web Site: http://www.ricoh-usa.com

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Adobe PostScript 3

Designed for Microsoft Windows 2000 Professional Windows XP Professional Windows NT 4.0 Windows 98

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CA-0395

Aficio® 2232C/2238C

Black & White when you need it. Color when you want it.

RICOH®

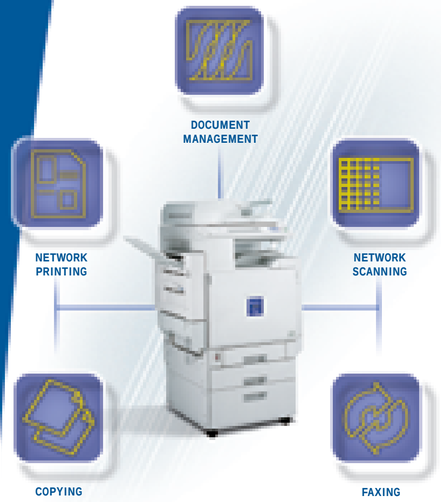
The RICOH® Aficio® 2232C/2238C are conveniently configured to handle the typical range of office tasks right out of the box—copying, printing and scanning are all standard. No hidden costs. Workgroups have different needs and requirements, and with the 2232C/2238C, you can configure the system to best suit your environment. You can select from different document finishing options, additional paper sources, wireless connectivity, and fax.

Productivity In Printing and Copying

More often than not, you need your prints or copies immediately. The **Aficio 2232C/2238C** output the first page in just 8 seconds for black & white and 10 seconds for full color. They also deliver an outstanding 32/38 black & white pages per minute, and 24/28 color pages per minute in both print and copy modes. Even better, they maintain the same imaging speed in duplex mode, saving you time, paper and money!

Multiple Choices in Document Distribution

The **Aficio 2232C/2238C** have been designed for the Internet age. Besides being able to print and copy, these systems can scan documents and images directly to folders and FTP servers, or send them as E-mail attachments to colleagues—all without extra options or dedicated delivery servers. The **2232C/2238C** also support LDAP, which uses your existing E-mail system.



The **2232C/2238C** can be configured with an optional Fax module to expand the systems' functionality. Faxes can be handled as paper-based documents, or routed digitally directly to your PC. Again, without dedicated distribution servers or utility software. Lastly, you can also transmit faxes over the Internet to eliminate long-distance phone charges altogether.

A Shared Network Resource

The **Aficio 2232C/2238C** are designed to fit in seamlessly with your organization's infrastructure and work the way you work. Of course, there's a 10/100 BaseTX network interface that supports industry standards such as TCP/IP and Novell IPX/SPX. For organizations using print servers, there's also a parallel connection.

With the **2232C/2238C**, you don't have to plug into a network at all to take advantage of its printing and optional faxing capabilities. Ricoh offers IEEE 802.11b and Bluetooth wireless options that enable you to take your laptop and/or PDA to conference rooms, or enable visiting users to print to the **2232C/2238C**.

Ricoh also offers two high-speed serial options that transmit large volumes of data without impacting your network. You can choose from USB 2.0 or IEEE 1394, which deliver up to 480 and 400 Mbps transmission rates, respectively.

The Aficio 2232C/2238C—setting the standard in document production and distribution. Copying. Printing. Network Scanning. Document Serving. Faxing. Document Finishing. The 2232C/2238C not only integrate the diverse functions of multiple peripherals into one system, they add the power of color!

Re-purpose Documents with Ease

The **Aficio 2232C/2238C** are the perfect hub for all your document communication needs. The Document Server is capable of storing documents—whether printed, copied, scanned or faxed—and downloading them to your desktop for annotation, or integrating them into a new document with unique headers and page numbers.

Document Handling for the Entire Workgroup

Duplexing is standard on the **Aficio 2232C/2238C**. But the real advantage of duplexing on these Ricoh systems is that you maintain output speed and don't compromise productivity while conserving paper.

Designed to support the diverse needs of an office workgroup, the **2232C/2238C** supports paper sizes of up 12" x 18" in weights from 16 lb. bond to 90 lb. index.

With a standard paper input capacity of 1,100 sheets, you can add either a 1,000-sheet multi-tray or a 2,000-sheet LCT option for a maximum capacity of 3,100 sheets.

Efficiently Manage Your Resources

Monitor and manage the **Aficio 2232C/2238C** right from your desktop. With Web Image Monitor, you can view the status of the system, and its availability. It can be used to alert you of any service issues, required toner replacement, or if the system is off-line. Further, Web Image Monitor allows you to view and manage files on the system's Document Server.

The Professional Finish

Producing vibrant, crisp, images is half the battle when making a positive impression through your documents. The finishing of documents can be just as important. That's why the **Aficio 2232C/2238C** can be configured with a finisher that folds and staples output into complete booklets, ensuring your documents stand out.

Ricoh also offers a 2,000-sheet Multi-Tray Finisher that collates and staples documents together for the more traditional finishing options. Both finishers can be optionally outfitted with hole punching for even greater convenience.

The optional Booklet Finisher folds and staples pages together to produce professionally finished documents

Aficio 2232C shown with optional PS550 Paper Bank and Booklet Finisher